

Figure 1A

1. Digest "insert" with BamHI and SpeI: fragment 'A'
2. Digest "vector" with Bgl II and SpeI: fragment 'B'
3. Ligate, transform *E. coli* and identify pBeloBAC 17 α 32 2(HOR)
4. Repeat iteratively

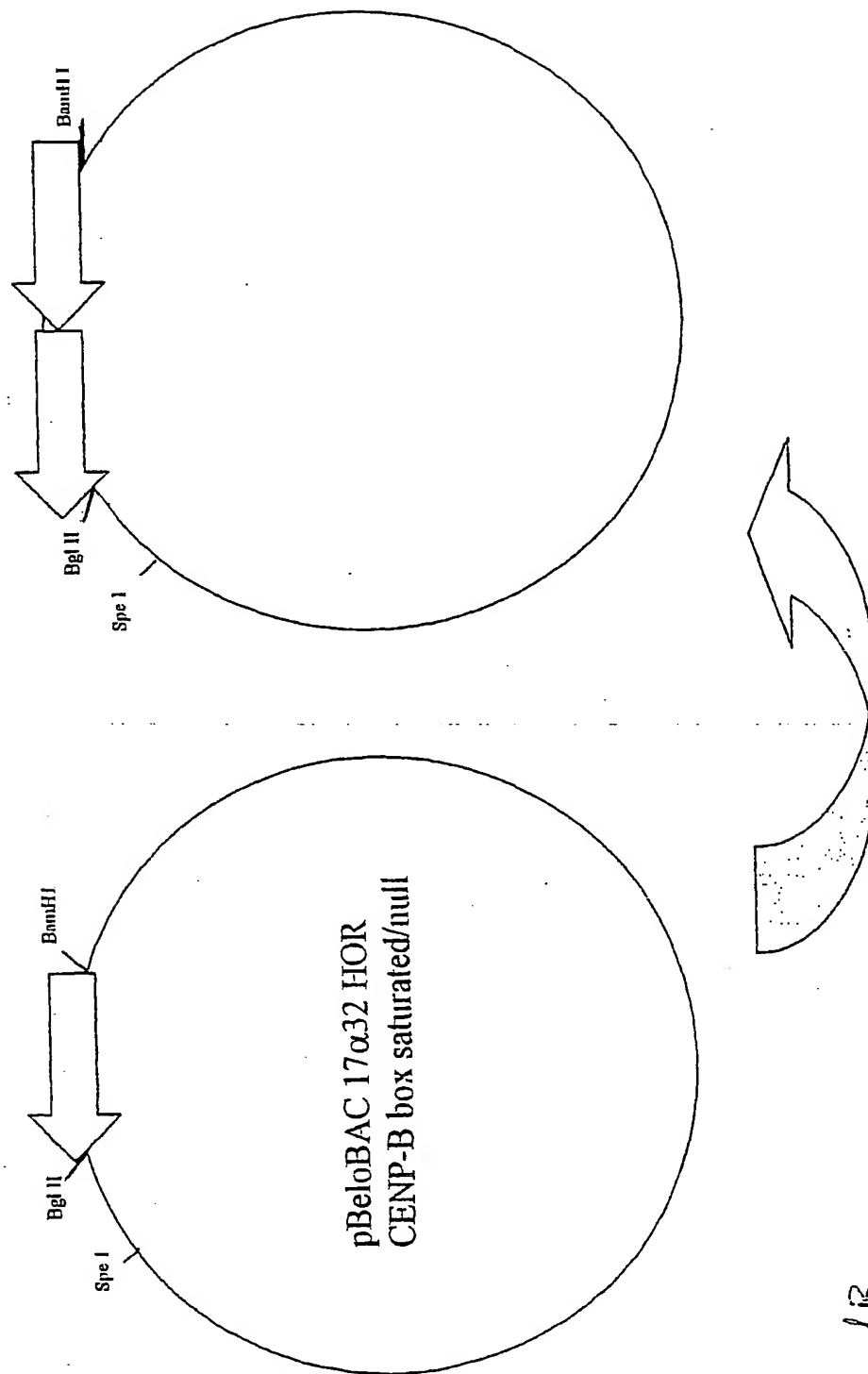
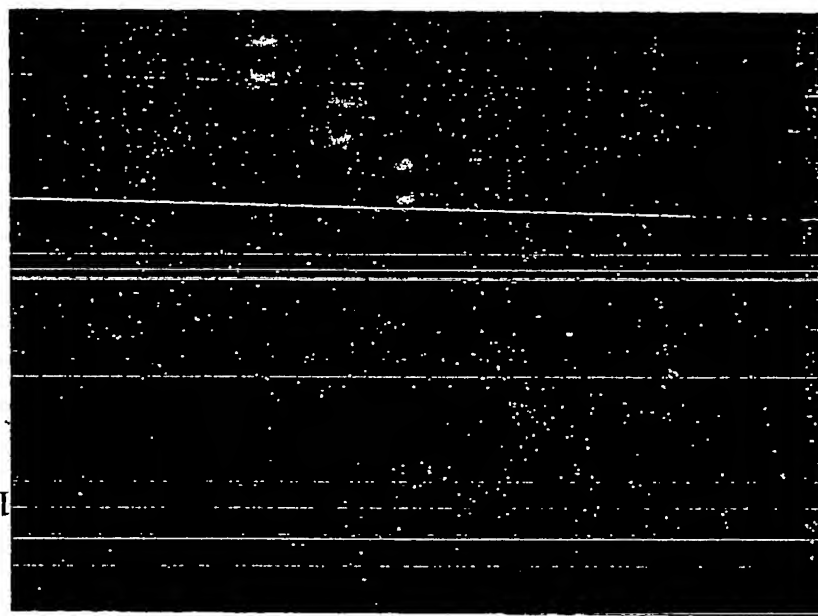


Figure 1B

L

Low M_w PFG
ladder
1 kb ext ladder
1 kb ladder



86.4 kb

43.2 kb

21.6 kb

10.8 kb

pBeloBAC vector backbone

5.4 kb

HOR copy number

1 2 4 8 16 32

Figure 1C

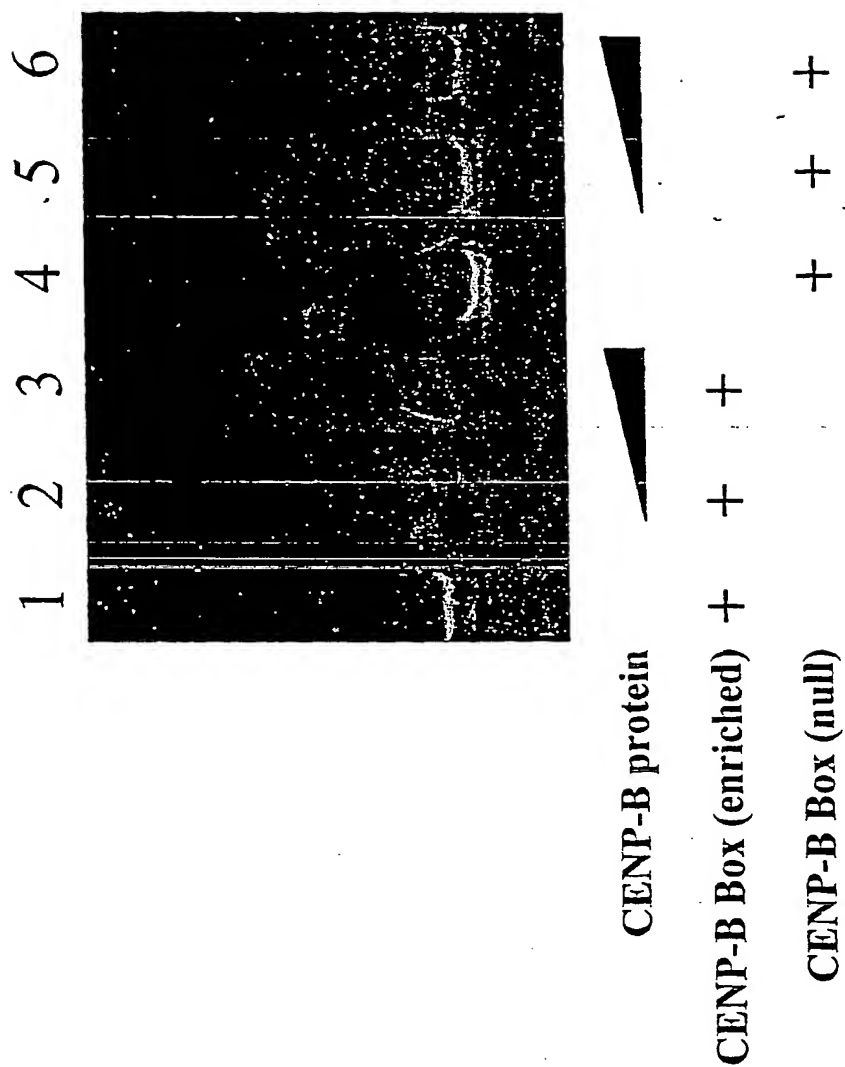
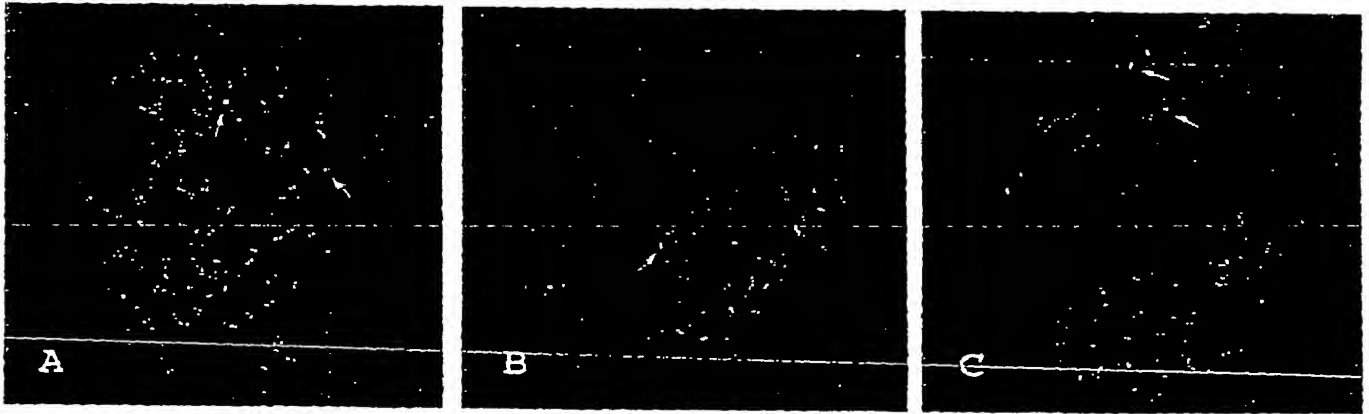


Figure 2

Figure 3



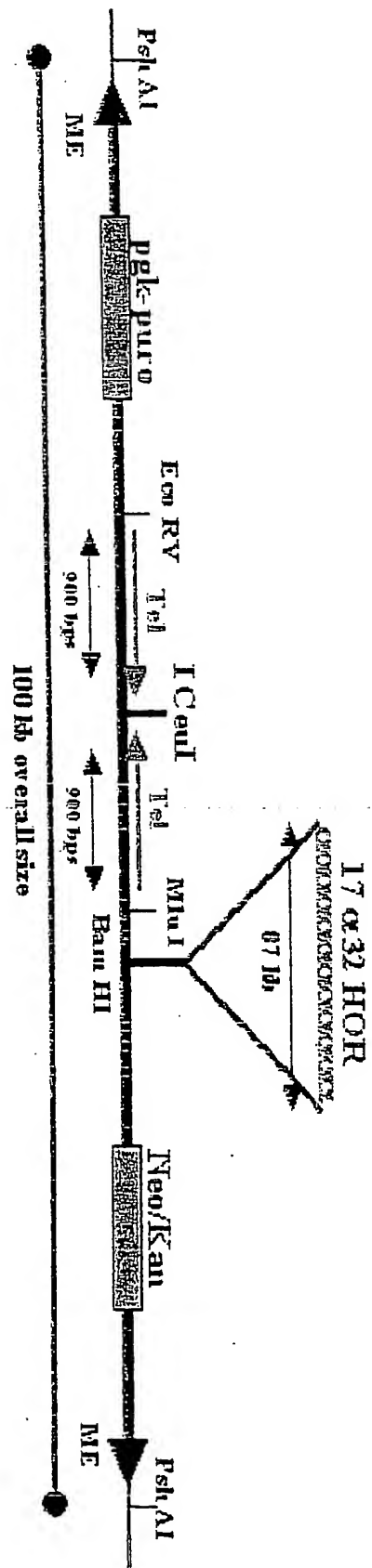


Figure 4

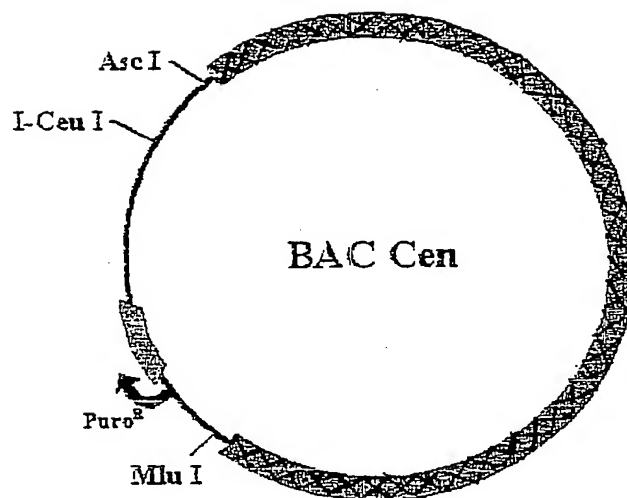


Figure 5 (A)

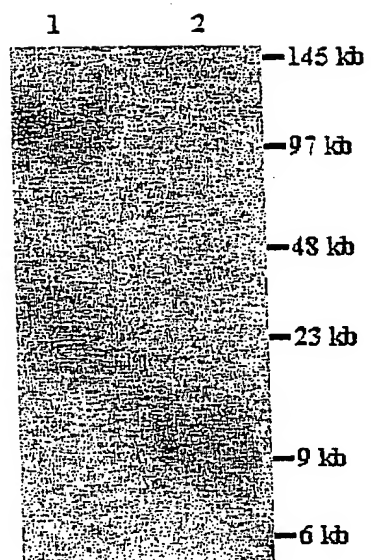


Figure 5 (B)

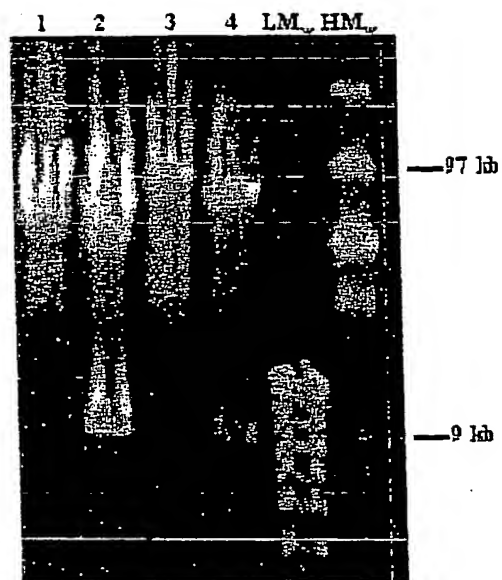


Figure 5 (C)

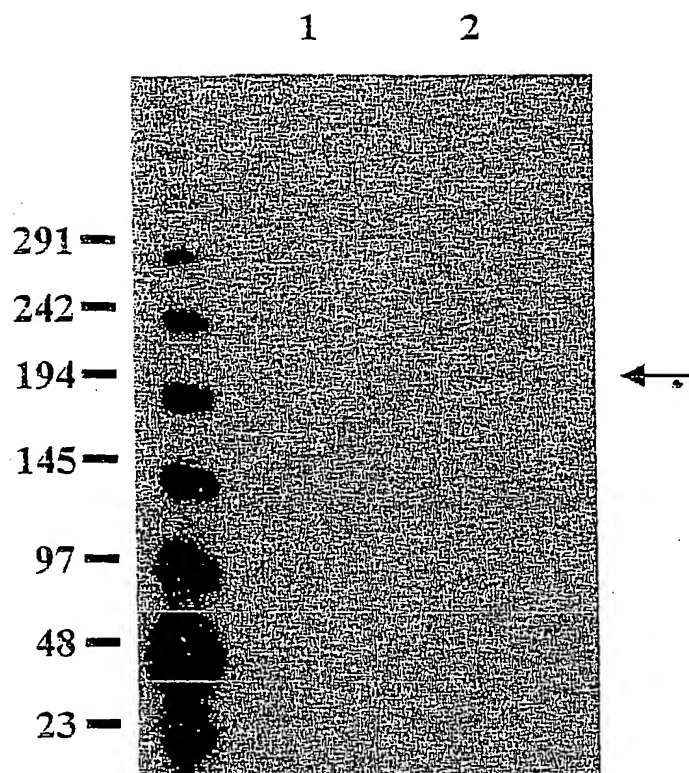


Figure 6 (A)

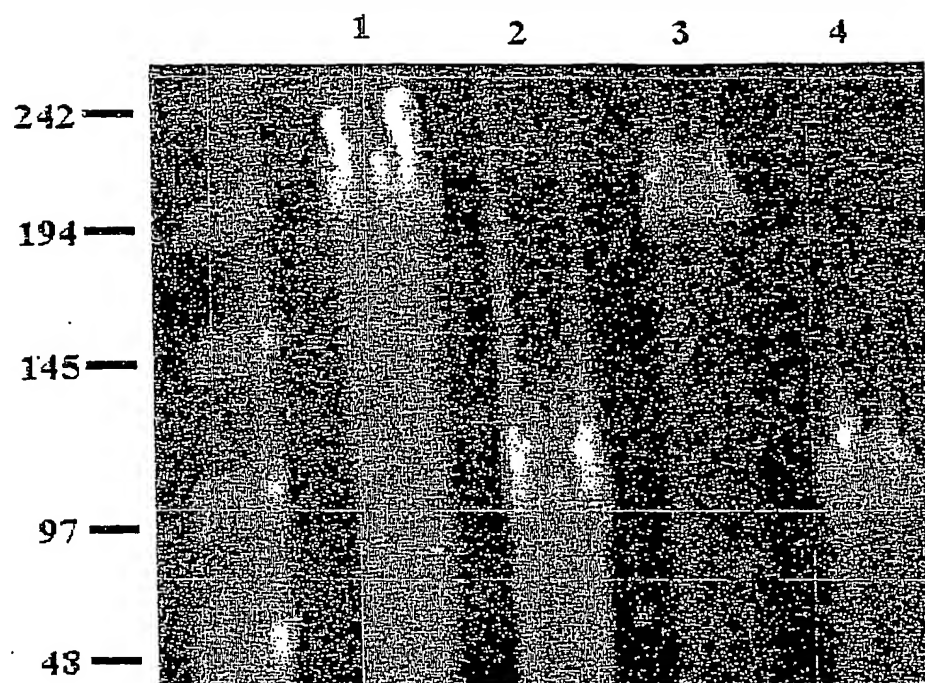


Figure 6 (B)